

MONSANTO



MONSANTO COMPANY

1300 I (EYE) STREET, NW

SUITE 450 EAST

WASHINGTON, D.C. 20005

PHONE (202) 383-2866

FAX (202) 789-1748

<http://www.monsanto.com>

July 19, 2010

U.S. Environmental Protection Agency
Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA 22202

Attention: Mr. James A. Tompkins Product Manager 25

SUBJECT: **Submission to Amend the Master Label for EPA Reg. No. 524-500**

Dear Mr. Tompkins;

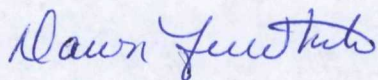
On February 2, 2009, the Agency approved a master label for EPA Reg. No. 524-500. The master label included two separate product 'main labels'; one for use in wheat only identified as Maverick Herbicide and one for use in non-crop sites identified as Outrider herbicide with related supplemental labeling. Monsanto now wishes to combine these separate labels into a single master label with both wheat and non-crop uses, retaining both alternate brand names. The master label has been reorganized and duplicative language deleted.

- Precautionary, mixing, application and spray drift language applicable to both use patterns is now contained in sections 1 thru 8
- Updated the Weed Resistance Management (WRM) section to reflect HRAC standard WRM language for herbicide labels. Sulfosulfuron is identified as a Group 2 herbicide with the relevant current management principles. By using the Agency preferred WRM language, the warning, "Do not use this product for weed control during fallow periods of the wheat-fallow-wheat production system." and wording in the previous master label for 524-500 is no longer necessary. The new WRM language is sufficient to provide direction in both wheat and non-crop applications.
- Moved Section 6.4 Insecticides to 10.0 WINTER WHEAT AND SPRING WHEAT as it is relevant only to Wheat applications.
- Revised the mandatory language in the Preemergence winter wheat section regarding preemergence application in dry conditions to further clarify application timing and implications if not done.
- Specific non-crop sites and unique application systems are now in section 9
- Specific spring and winter wheat applications are in section 10.

- All references to tank mixing with Roundup® PRO have been changed to Roundup ProMAX and the rates changed to reflect those in the Roundup ProMAX label.
- Incorporated the previously approved supplemental label, into section 9.8 for selective herbaceous weed control in forestry conifer release.
- Reworded some sentences that may have been considered vague and unenforceable.
- No additional use sites have been added.


Monsanto considers this a fast-track amendment with no PRIA fee due. If you should have any questions regarding this submission, please call Dr. Russell P. Schneider at (202)383-2866 or contact me at (314)694-6576 or dawn.m.fee-white@monsanto.com.

Sincerely,



Dawn Fee-White
Registration Manager
Monsanto Lawn & Garden Products

Cc: Russ Schneider
File
State team

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input checked="" type="checkbox"/> Amendment	
	Washington, DC 20460	<input type="checkbox"/> Other	

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company / 524-500	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Monsanto Company – Master Label	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 1300 I Street, NW; Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input checked="" type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated 1/25/10 and 5/14/10
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revise Master Label for EPA Reg. No. 524-500. Fast Track Amendment, no PRIA fee.

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	
* Certification must be submitted				<input checked="" type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Package wgt. No. per Container		<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 20 oz		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell P. Schneider Ph.D.	Title Sr. Director of US Regulatory Affairs Policy	Telephone No. (Include Area Code) (202) 383-2866
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager	
4. Typed Name Dawn M. Fee-White	5. Date 19 July 2010	

MONSANTO



MONSANTO COMPANY
1300 I (Eye) Street, NW
Suite 450 East
Washington, D.C. 20005
Phone: (202) 383-2866
Fax: (202) 789-1748
<http://www.monsanto.com>

July 23, 2010

Document Processing Desk (OTHER)
Registration Division – H7505P
U.S. Environmental Protection Agency
One Potomac Yard
Arlington, Virginia 22202

Attn: Ms Geri McCann

**Subject: Submission of Replacement Package 1855
Amended Master Label EPA Reg. No. 524-500**

Dear Ms McCann,

Monsanto is herein submitting a replacement cd for Package 1855 per your phone request July 23, 2010. As you indicated, the file names on the cd did not match the links in the xml file. Monsanto was experiencing some computer issues the past 2 weeks and expect this may have been the cause. The enclose cd has been corrected.

If you should have any questions regarding this submission, please contact Dr. Russ Schneider at (202) 383-2866 or call me at (314) 694-6576 or via email at dawn.m.fee-white@monsanto.com.

Sincerely,

Dawn Fee-White
Registration Manager

Cc: Russ Schneider

E-SUBMISSION

MONSANTO



MONSANTO COMPANY
1300 I (EYE) STREET, NW
SUITE 450 EAST
WASHINGTON, D.C. 20005
PHONE (202) 383-2866
FAX (202) 789-1748
<http://www.monsanto.com>

July 19, 2010

U.S. Environmental Protection Agency
Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA 22202

Attention: Mr. James A. Tompkins Product Manager 25

SUBJECT: **Submission to Amend the Master Label for EPA Reg. No. 524-500**

Dear Mr. Tompkins;

On February 2, 2009, the Agency approved a master label for EPA Reg. No. 524-500. The master label included two separate product 'main labels'; one for use in wheat only identified as Maverick Herbicide and one for use in non-crop sites identified as Outrider herbicide with related supplemental labeling. Monsanto now wishes to combine these separate labels into a single master label with both wheat and non-crop uses, retaining both alternate brand names. The master label has been reorganized and duplicative language deleted.

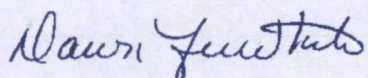
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- Moved Section 6.4 Insecticides to 10.0 WINTER WHEAT AND SPRING WHEAT as it is relevant only to Wheat applications.
- Revised the mandatory language in the Preemergence winter wheat section regarding preemergence application in dry conditions to further clarify application timing and implications if not done.
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E-SUBMISSION
5

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- Incorporated the previously approved supplemental label, into section 9.8 for selective herbaceous weed control in forestry conifer release.
- Reworded some sentences that may have been considered vague and unenforceable.
- No additional use sites have been added.

Monsanto considers this a fast-track amendment with no PRIA fee due. If you should have any questions regarding this submission, please call Dr. Russell P. Schneider at (202)383-2866 or contact me at (314)694-6576 or dawn.m.fee-white@monsanto.com.

Sincerely,



Dawn Fee-White
Registration Manager
Monsanto Lawn & Garden Products

Cc: Russ Schneider
File
State team



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 2, 2010

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

RUSSELL P. SCHNEIDER
MONSANTO COMPANY
1300 I STREET, NW, SUITE 450 EAST
WASHINGTON, DC 20005-

PRODUCT NAME: MAVERICK HERBICIDE
COMPANY NAME: MONSANTO COMPANY
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 524-500
EPA RECEIPT DATE: 07/28/10

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Registration Division, Risk Management Team 25, at (703) 305-5697.

Sincerely,

P. H. Moore
Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service

{8794619~

This package includes the following

- New Registration
- Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: _____

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 25

Receipt No.

S-

879461

EPA File Symbol/Reg. No.

524-500

Pin-Punch Date:

7/28/2010

☒ This item is NOT subject to FFS action.

Action Code:


Requested:

Granted:

Amount Due: \$ _____

Parent/Child Decisions:

E-SUBMISSION

 Inert Cleared for Intended Use

Uncleared Inert in Product

Reviewer:

Date: 7-30-10

Remarks:

MONSANTO



MONSANTO COMPANY

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WASHINGTON, D.C. 20005
PHONE (202) 383-2866
FAX (202) 789-1748
<http://www.monsanto.com>

May 6, 2010

Document Processing Desk (OTHER)
Office of Pesticide Programs
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive, Room S4900
Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins
Product Manager 25

Subject: **Submission of Final Printed Label for Maverick® Herbicide
EPA Reg. No. 524-500**

Dear Mr. Tompkins:

On February 2, 2009, the Agency approved the master label for EPA Reg. No. 524-500. Monsanto herein submits representative final printed labels for Maverick in a 20 oz container identified as 71007H5-12WC (front) and 71007H7-8 (back). These labels replace the current front label 71007D4-12/53 and back label 71007D6-8.

This printed labeling only reflects the sub-label for uses in winter and spring wheat. The only differences are deletion of irrelevant optional statements and correction to typographical errors.

If you should have any questions regarding this submission, please call Dr. Russell P. Schneider at (202) 383-2866 or call me at (314) 694-6576.

Sincerely,

Dawn Fee-White
Registration Manager

Cc: Russ Schneider
File
State Team

524-500
9



United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☐ **Amendment**
☒ **Other**

OPP Identifier
 Number

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company – 524-500	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Monsanto Company – Maverick Herbicide	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 1300 I Street, NW; Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated February 2, 2009
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Submission of final printed label – fast track – no PRIA fee

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted: on file	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass	
	If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Package wgt.	No. per Container	<input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20 oz		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other _____		

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell P. Schneider Ph.D.	Title Sr. Director of US Regulatory Affairs Policy	Telephone No. (Include Area Code) (202) 383-2866

Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager	
4. Typed Name Dawn M. Fee-White	5. Date 6 May 2010	



WATER DISPERSIBLE GRANULE

Maverick® herbicide is a selective herbicide for the control of certain annual and perennial grasses and broadleaf weeds in winter and spring wheat.

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY", which appears in the label pamphlet, before buying or using. If terms are not acceptable, return at once unopened. THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.

Keep out of reach of children

CAUTION! See Back Panel for Additional Precautionary Statements.

ACTIVE INGREDIENT:

Sulfosulfuron 75.0%

OTHER INGREDIENTS: 25.0%

100.0%

Product is protected by U.S. Patent Nos. 5,017,212 and 5,534,482. No license granted under any non-U.S. Patent(s).

NET 20 OZ (567 G) UNIT

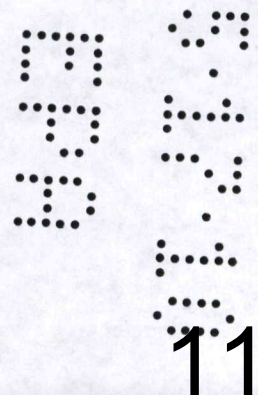
EPA Est. 11773-IA-1

EPA Reg. No. 524-500

71007H5-12WC

file: 50557_label art
folder: 50557_Monsanto_71007H5-12WC
colors: cmyk

created: by customer 4-3-09 bm
alt:
size: 3"(w) x 4.5"(h)





Complete Directions for Use Pamphlet

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION!

CAUSES MODERATE EYE IRRITATION

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center or physician for treatment advice.
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or physician, or going for treatment. • In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000. • This product is identified as Maverick® herbicide, EPA Reg. No. 524-500. 	

Read label pamphlet for complete PRECAUTIONS, ENVIRONMENTAL HAZARDS, WORKER PROTECTION INFORMATION, DIRECTIONS FOR USE, STORAGE AND DISPOSAL and LIMIT OF WARRANTY AND LIABILITY.

2009-1

71007H7-8

file: 9124-2 book_art
folder: 9124-2_Monsanto_MarkBook
colors: 4 cp

created: by customer
alt: 4-3-09 bm
size: 2.5"(w) x 4.5"(h)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product can only be used in accordance with the Directions for Use on this label or in separately published Monsanto Supplemental Labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Shoes plus socks
- Chemical-resistant gloves, such as nitrile rubber, neoprene rubber or polyethylene. For more options, follow instructions for category A (dry- and water-based formulations) on an EPA chemical resistance category selection chart.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

This pesticide is highly toxic to non-target plants. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to plants in neighboring areas. Do not contaminate water when cleaning equipment or disposing of washwaters or rinsate.

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of Federal laws.

For more product information or assistance in using this product, call toll-free 1-800-332-3111.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store under cool, dry conditions (below 120°F). Do not store under moist conditions.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by State or local governments or by industry).

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

GENERAL PRODUCT INFORMATION

Product Description: Maverick herbicide is a selective herbicide for the control of certain grasses and broadleaf weeds in winter and spring wheat. Refer to the appropriate sections of this label for a listing of weeds controlled in each crop.

The level of weed control following Maverick herbicide application is dependent upon application rate, weed species, size of the weed at time of application, and growing conditions. For best results, postemergence applications should be made to actively growing weeds at the growth stages defined on this label. Heavy infestations should be treated early before the weeds become too competitive with the crop.

Time to Symptoms: Soon after Maverick herbicide is applied, growth of susceptible weeds is inhibited and susceptible weeds are no longer competitive with the crop. Following growth inhibition, affected plants may appear dark green and stunted, affected leaves will turn yellow and/or red, and the growing point of the plant dies. These visible effects of control may not be observed for 1 to 3 weeks after application.

Preharvest Interval: Wheat forage may be grazed immediately after application of Maverick herbicide. Do not harvest wheat for grain within 55 days of Maverick application.

Weed Resistance: Biotypes of certain plants, particularly broadleaf weeds, have demonstrated resistance to sulfonylurea herbicides or other herbicides with the same mode of action. Biotypes are naturally occurring individuals of a species that are identical in appearance but have slightly different genetic composition.

Weeds showing resistance to the sulfonylurea mode of action can also be expected to be resistant to Maverick herbicide. To prevent or delay the development of broadleaf weed resistance, it is recommended that Maverick herbicide be used in tank mixes with other herbicides having a different mode of action, or sequentially applied with an herbicide having a different mode of action and also labeled for the intended application.

To prevent or delay any development of grassy weed resistance, tillage to keep weeds from flowering and setting seed during fallow periods in a wheat-fallow-wheat production system. Do not use Maverick herbicide for weed control during fallow periods.

MIXING

Thoroughly clean mixing and application equipment prior to mixing spray solution.

Eliminate any risk of siphoning the contents of the spray or mixing tank back into the carrier source while mixing. Use approved anti-back-siphoning devices where required by State or local regulations.

Apply spray solutions within 24 hours after mixing.

Water Carrier

This product mixes readily with water. Mix spray solutions of this product as follows. Fill the spray tank with about three-fourths of the desired final volume. Add the appropriate amount of this product to achieve the desired application rate as defined on label (see the appropriate section of this label for application rates). Continue the filling process while maintaining agitation. For postemergence applications, add nonionic surfactant near the end of the filling process.

Surfactants and Adjuvants

A nonionic surfactant is required for all postemergence applications of Maverick herbicide and is the only adjuvant required to be added to the spray solution. Use only nonionic surfactants that are approved by EPA for use on food crops and that contain at least 80 percent active ingredient. Nonionic surfactants should be added to a concentration of 0.5 percent by volume (2 quarts per 100 gallons of spray solution), unless otherwise directed. **DO NOT USE NONIONIC SURFACTANTS OR OTHER ADDITIVES THAT ALTER THE PH OF THE SPRAY SOLUTION BELOW PH 5.**

Oil-based adjuvants or adjuvants containing oils are not recommended when this herbicide is tank-mixed with emulsifiable concentrate pesticide formulations.

Do not use low rates of liquid fertilizer as a substitute for surfactant.

pH Adjustment

Spray solutions of between pH 6.0 and 8.0 are required for optimal performance of Maverick herbicide. Failure to adjust the pH of the spray solution may result in reduced weed control. Follow the mixing procedure described on this label and adjust the pH of the spray solution after the addition of nonionic surfactant. To adjust the pH, add between 2 to 4 quarts (depending on the starting pH of your water carrier) of a 7-percent solution of ammonia for every 100 gallons of spray solution.

CAUTION: Do not use ammonia with chlorine bleach as your pH adjuster, as dangerous gases will form.

Fluid Fertilizer Carrier

APPLICATION OF THIS HERBICIDE IN LIQUID FERTILIZER SOLUTIONS MAY RESULT IN LEAF BURN AND REDUCED FORAGE GROWTH.

This herbicide generally provides most consistent performance when applied with water as the spray carrier and surfactant is added to the spray solution. Liquid nitrogen fertilizer solutions (28-0-0 or 32-0-0) may, however, be used as a spray carrier in place of all or part of the water when the label directions are followed.

DO NOT USE MAVERICK HERBICIDE IN FERTILIZER SOLUTIONS OF pH 5 OR LESS.

Fall applications of this herbicide in liquid fertilizer solutions may cause rapid leaf burn, resulting in reduced weed control and reduced forage growth.

Fertilizer solutions should contain less than 50 percent liquid nitrogen and not exceed 30 pounds of actual nitrogen per acre. Nonionic surfactants should be added at 0.25 percent by volume (1 quart per 100 gallons of spray solution) to spray solutions containing fluid fertilizer.

Tank Mixtures

APPLICATION EQUIPMENT AND TECHNIQUES

This product may be applied using either ground or aerial (fixed-wing or helicopter) spray application equipment. Calibrate spray equipment before use. Use equipment that is capable of continuous and vigorous tank agitation. When tank is full, the agitation system should be capable of creating a rippling or rolling action on the liquid surface.

Apply Maverick herbicide uniformly as a broadcast spray with properly calibrated ground equipment in 5 to 20 gallons of water per acre, or in 10 to 40 gallons of fluid fertilizer solution per acre. Select spray volumes that ensure thorough and uniform weed coverage at the appropriate spray pressure. Thorough coverage is necessary to provide good weed control. Avoid streaking, skips, overlaps, and spray drift during application.

Monsanto will not be liable for rotational crop injury resulting from spray overlaps during Maverick herbicide applications.

Herbicides: Maverick herbicide can be tank-mixed with other herbicides as directed in the "WINTER WHEAT" and "SPRING WHEAT" sections of this label to provide a broader spectrum of weed control and an alternate mode of herbicidal action. Always predetermine the compatibility of all tank mix products together in the carrier by mixing small proportional quantities before mixing in the spray tank. For tank mixtures, add individual components to the spray tank in the following sequence: water dispersible granules (this product), water-soluble bags, dry flowables, emulsifiable concentrates, drift control additives, water-soluble liquids, nonionic surfactants.

Refer to each individual product label or supplemental labeling for all products in the tank mixture, and observe all instructions, precautions and limitations on the label, including application rates and restrictions related to soil texture, soil organic matter,

Equipment Cleaning

Thoroughly clean application equipment with a 1-percent solution of ammonia (one quart of ammonia for every 25 gallons of rinse water) promptly after using this product. Use a sufficient volume of cleaning solution to thoroughly rinse all surfaces and to flush all hoses. Rinse with water and repeat the cleaning procedure with the ammonia solution. Complete the cleaning procedure by rinsing thoroughly with clean water.

If visible residue is present in the spray tank, use a 1-percent solution of ammonia plus 0.25 percent nonionic surfactant (8 fluid ounces for every 25 gallons of rinse water) as the cleaning solution.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

Care must be used when applying this product to prevent injury to desirable plants and crops. Do not allow the herbicide solution to mist, drift, or splash onto desirable vegetation or soil areas where sensitive crops will be planted since minute quantities of this product can cause severe damage or destruction to plants on which treatment was not intended. Drift potential increases at wind speeds less than 3 miles per hour or more than 10 miles per hour. However, equipment type, nozzle size, and other factors influence drift potential at any given wind speed. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) which are likely to drift. Avoid applying at excessive speed or pressure. AVOID WINDLESS AND GUSTY WIND CONDITIONS.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller droplets, etc.).

Wind

Drift potential is lowest between wind speeds of 2 to 10 miles per hour. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 miles per hour due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications should not be made during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by

AERIAL SPRAY DRIFT REQUIREMENTS

1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees. Where states have more stringent regulations, they should be observed.

Importance of droplet size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see the "Wind", "Temperature and Humidity", and "Temperature Inversions" sections of this label).

Controlling droplet size

- **Volume:** Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with the higher rated flows produce larger droplets.
- **Pressure:** Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles:** Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation:** Orienting nozzles so that the spray is released backwards, parallel to the air stream, will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type:** Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.

Sensitive Areas

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

WINTER WHEAT

When applied to winter wheat as directed in this section, the following weeds are either controlled or suppressed by Maverick herbicide as indicated for either preemergence application, postemergence application in the fall, or postemergence application in the spring.

WEED SPECIES	PRE	FALL POST	SPRING POST
Barley, volunteer	C	C	S
Hordeum vulgare			
Bedstraw, catchweed	S	C	
Galium aparine			
Bluegrass, bulbous			C
Poa bulbosa			
Bluegrass, roughstalk		C	
Poa trivialis			S
Brome, downy	C		S
Bromus tectorum			
Brome, Japanese	C	C	S
Bromus japonicus			

WEED SPECIES	FALL POST	PRE	•	S	S
	SPRING POST				
Brome, rigid ¹					
Bromus rigidus					
Chamomile, mayweed					
Anthemis cotula					
Cheat					
Bromus secalinus					
Cheese, hairy					
Bromus commutatus					
Chickweed, common					
Stellaria media					
Fiddleneck, tarweed					
Amsinckia lycopsoides					
Flaxweed					
Descurainia Sophia					
Henbit					
Lamium amplexicaule					
Lady's-thumb					
Polygonum persicaria					
Mustard, tumble					
Sisymbrium altissimum					
Mustard, wild					
Sinapis arvensis					
Oat, wild (fall germinating)					
Avena fatua					
Oat, wild (spring germinating)					
Avena fatua					
Penncress, field					
Thlaspi arvense					
Quackgrass					
Elytigia repens					
Rescuegrass					
Bromus catharticus					

Postemergence in Winter Wheat—Single Application

Apply Maverick herbicide at 2/3 ounce of product per acre in a single application when the target weeds listed in this section are actively growing. Use a nonionic surfactant at a concentration of 0.5 percent by volume (2 quarts per 100 gallons of spray solution) with this postemergence application.

In the states of KS, OK, TX and MT, the single postemergence application should be made after the wheat is in the 2-leaf stage, but prior to the jointing stage (Feeke's Scale 6), in all other states, postemergence application should be made after the wheat emerges, but prior to the jointing stage (Feeke's Scale 6).

Brome (Cheat, Downy Brome, Japanese Brome)

For best control of brome species, apply Maverick herbicide as a single postemergence fall application of 2/3 ounce of product per acre when brome is in the 2- to 3-leaf stage of growth. Best performance with fall application of Maverick herbicide will occur with good soil moisture and/or rainfall soon after application.

For spring postemergence suppression of brome species, apply a single application of 2/3 ounce of this product per acre when brome has recovered from cold weather (majority of foliage is green and not red or purple) and is actively growing. For best control, apply when brome is less than the 5-tiller stage of growth.

Mustards and other winter annual broadleaf weeds

For fall postemergence control of mustards and other winter annual broadleaf weeds, apply 2/3 ounce of this product per acre in a single application. For best control, apply when weeds are less than 2 inches in diameter. Best performance with fall application of Maverick herbicide will occur with good soil moisture and/or rainfall soon after application.

For spring postemergence control of winter annual broadleaf weeds, apply 2/3 ounce of this product per acre. For best control, make application when weeds are less than 2 inches in diameter. Tank mixtures with broadleaf herbicides should be used when winter annual broadleaf weeds are greater than 2 inches in diameter.

WEED SPECIES	FALL POST	PRE	•	S	S*
	SPRING POST				
Ryegrass, Italian					
Lolium multiflorum					
Shepherd's-purse					
Capella bursa-pastoris					
Tansymustard, pinnate					
Descurainia pinnata					
Wallflower, bushy					
Erysimum repandum					

*Spring application will provide suppression only in WA, ID, OR.

C = Control S = Suppression • = Not Control or Suppressed

Maverick herbicide can be applied in winter wheat either as a single preemergence application, a single postemergence application, or as a split postemergence application to control or suppress the weeds listed in this section. Best weed control is obtained when soil moisture is adequate to support vigorous wheat and weed growth.

Choose one of the following application scenarios.

Preemergence in Winter Wheat

Apply Maverick herbicide preemergence to winter wheat at 2/3 ounce of product per acre in a single application. Preemergence applications of Maverick herbicide should be applied after drilling wheat but before wheat or weed emergence. Do not use preemergence application if dry soil conditions will cause delayed wheat and/or weed emergence. Preemergence applications under dry conditions make this product vulnerable to wind erosion until fall moisture is received. Under these conditions, wait until crop and weeds have emerged and are showing good vigor, and then follow directions for postemergence application.

Preemergence applications are not recommended for no-till systems or when high crop residue levels (plant material) are present on the soil surface.

Tank Mixtures for Winter Wheat

For additional broadleaf weed control, Maverick herbicide may be applied as a spring postemergence application to winter wheat in a tank mixture with the following herbicides.

2,4-D amine^{2,3} MCPA amine^{2,3}
2,4-D LV ester² MCPA LV ester²
Bromate (bromoxynil + MCPA) Puma (fenoxaprop)²
Buctril (bromoxynil) Sencor 4 (metribuzin)^{2,4}
Buctril 4EC Sencor DF (metribuzin)^{2,4}

¹ Tank mixtures with this herbicide may result in reduced control of brome species.

² Tank mixtures with this product may be made provided the specific product being used is registered for postemergence application to wheat.

³ Not recommended for use with split application rate of 3/8 ounce of Maverick herbicide.

⁴ Different formulations of the active ingredient may be used, provided that the specific product being used is registered for postemergence application to wheat.

Tank mixtures with herbicides formulated as amines may decrease the effectiveness of Maverick herbicide.

Refer to individual tank mix product label for application rate and restrictions related to soil texture, soil organic matter, and wheat growth stage.

Tank mixtures with metribuzin may be applied only in the spring.

See the "MIXING" section of this label for additional information on Tank Mixtures.

SPRING WHEAT

When applied to spring wheat as directed in this section, the following weeds are either controlled or suppressed by Maverick herbicide as indicated for either preemergence or postemergence application:

WEED SPECIES	PRE	POST
Oat, wild <i>Avena fatua</i>	•	C
Sunflower, common <i>Helianthus annuus</i>	C	C
Quackgrass <i>Elytrigia repens</i>	•	S
Barley, volunteer <i>Hordeum vulgare</i>	S	S

C = Control S = Suppression • = Not controlled or suppressed

In spring wheat, apply a single postemergence application of 2/3 ounce of Maverick herbicide per acre when soil moisture is adequate to support vigorous wheat and weed growth, and prior to jointing stage (Feekes' Scale 6). Use a nonionic surfactant at a concentration of 0.5 percent by volume (2 quarts per 100 gallons of spray solution) with this postemergence application.

Postemergence application of Maverick herbicide is not recommended for durum wheat.

For wild oat control, apply 2/3 ounce of Maverick herbicide per acre when wild oat are in the 1 to 4 true leaf stage.

Tank Mixtures for Spring Wheat

For additional broadleaf weed control, Maverick herbicide may be applied to spring wheat in a tank mixture with the following herbicides:

2,4-D amine ^{1,2}	Dakota (fenoxaprop + MCPA)
2,4-D LV ester ²	MCPA amine ^{1,2}
Bronate (bromoxynil + MCPA)	MCPA LV ester ²
Buctril (bromoxynil)	Puma (fenoxaprop)
Buctril 4EC	Stinger (clopyralid)
Cheyenne	Tiller (fenoxaprop + 2,4-D + MCPA)
Curtail (clopyralid + 2,4-D) ¹	

¹ Tank mixtures with this herbicide may result in reduced control of grass species.

² Tank mixtures with this herbicide may be made provided the specific product is registered for this use.

CROP ROTATION

No crop other than wheat may be planted sooner than 3 months after application of Maverick herbicide.

The following tables provide crop rotation intervals (months) for selected crops based on soil pH and cumulative precipitation by geographic region. For soils with pH higher than listed or for cumulative precipitation less than listed, a successful field bioassay must be completed before planting, as described in this section under "Field Bioassay". If a shorter rotation interval other than that listed for a crop is desired, a successful field bioassay must be completed before planting.

All crops other than those listed in these tables may be seeded into fields treated with Maverick herbicide only after the completion of a successful field bioassay. Any crop, other than wheat, intended to be planted into pastureland that has been treated with Outrider® herbicide must undergo a field bioassay before planting.

Field Bioassay

To conduct an effective field bioassay, plant strips of the crop you intend to grow the following season in fields previously treated with

Maverick herbicide. Crop response will determine if the crop(s) planted in the test strips can be adequately grown in these areas.

Table 1 - OK, KS, NE, TX

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
Millet	< 7.5	18	3
Corn - IR	< 7.5	18	3
Soybean - STS	< 7.5	18	3
Winter Canola (varieties that exhibit tolerance to sulfonyleurea herbicides)	< 7.5	18	3
Corn - normal	< 7.5	30	12
Cotton	< 7.5	30	12
Soybean	< 7.5	30	12
Sorghum (grain)	6.0 - 7.5	30	22
Sunflower	< 6.0	30	17
Winter Canola (varieties that do not exhibit tolerance to sulfonyleurea herbicides)	6.0 - 7.5	30	22

Table 2 - WA, OR, ID

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
Millet	< 7.5	18	3
CLEARFIELD Canola	< 7.5	18	3
Corn - IR	< 7.5	18	3
Soybean - STS	< 7.5	18	3
Potato	< 7.5	18	12
Barley	< 7.5	24	22

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
Canola	< 7.5	24	22
Corn - normal	< 7.5	24	22
Lentils	< 7.5	24	22
Peas* - all classes (including chickpeas)	> 6.5 < 6.5	24 30	22 17
Soybean	< 7.5	24	22

*Peas should not be planted on clay or eroded hillsides treated with Maverick herbicide without conducting a field bioassay as described in this section.

Table 3 - CO, SD, WY

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
Millet	< 7.5	18	3
Corn - IR	< 7.5	18	3
Soybean - STS	< 7.5	18	3
Corn - normal	< 7.5	24	22
Soybean	< 7.5	24	22
Sorghum (grain)	6.5 - 7.5	45	34
Sunflower	< 6.5	35	22

Table 4 - MT, ND

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
CLEARFIELD Canola	< 7.5	12	12

Table 5 - All Other Regions

Crop	Soil pH	Cumulative Precipitation (Inches)	Rotation Interval (Months)
Soybean - STS	< 6.5	30	3
Soybean	< 6.5	30	5
	< 7.5	24	12

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label pamphlet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company to the extent consistent with applicable law, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

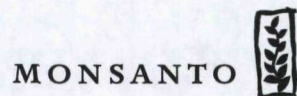
This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.

Maverick, Outrider, and Monsanto and Vine Design are registered trademarks of Monsanto Technology LLC.

All other trademarks are the property of their respective owners.



WATER DISPERSIBLE GRANULE

Maverick® herbicide is a selective herbicide for the control of certain annual and perennial grasses and broadleaf weeds in winter and spring wheat.

Read the entire label before using this product. Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY", before buying or using. If terms are not acceptable, return at once unopened.

THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.

ACTIVE INGREDIENT:

Sulfosulfuron	75.0%
OTHER INGREDIENTS:	25.0%
	100.0%

Product is protected by U.S. Patent Nos. 5,017,212 and 5,534,482.
No license granted under any non U.S. Patent(s).

In case of an emergency involving this product,
Call Collect, day or night, (314) 694-4000.

EPA Reg. No. 524-500
Packed For:
MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI 63167 USA
©2009

Formulated in the United States Using Active Ingredient Made in Japan.

71007H7-8



Complete Directions for Use Pamphlet

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION!

CAUSES MODERATE EYE IRRITATION

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

- | | |
|-------------------|--|
| IF IN EYES | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center or physician for treatment advice. |
|-------------------|--|
- Have the product container or label with you when calling a poison control center or physician, or going for treatment.
 - In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.
 - This product is identified as **Maverick® herbicide, EPA Reg. No. 524-500.**

Read label pamphlet for complete PRECAUTIONS, ENVIRONMENTAL HAZARDS, WORKER PROTECTION INFORMATION, DIRECTIONS FOR USE, STORAGE AND DISPOSAL and LIMIT OF WARRANTY AND LIABILITY.
2009-1 71007H7-8

file: 40769-2_base_art
folder: 40769-2_Monsanto_Maverick
colors: 4 cp

created: by customer 4-3-09 bm
alt:
size: 3"(w) x 4.5"(h)



MONSANTO COMPANY

1300 I (EYE) STREET, NW
SUITE 450 EAST
WASHINGTON, D.C. 20005
PHONE (202) 383-2866
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<http://www.monsanto.com>

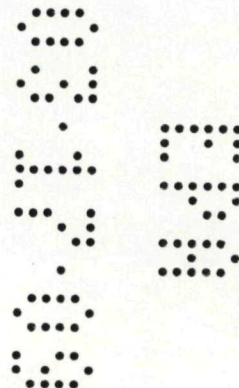
March 16, 2009

Hand Delivered

Document Processing Center (OTHER)
Office of Pesticide Programs
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive, Room S4900
Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins (7505P)
Product Manager, Team (25)

**Subject: Outrider® Herbicide (EPA Reg. No. 524-500);
Notification of Final Printed Supplemental Labeling For Pasture and
Rangeland Sites in States West of the Mississippi River**



Dear Mr. Tompkins:

Monsanto is notifying the Agency that final printed labeling, in the form of Supplemental Labeling, for the use of Outrider Herbicide, EPA Reg. No. 524-500, has been created for Pasture and Rangeland Sites in States West of the Mississippi River. This labeling for EPA Reg. No. 524-500 under the Outrider® brand name was approved by the Agency on February 2, 2009. This labeling is an accurate transcription of Section 12 of the Outrider label approved by the Agency for EPA Reg. No. 524-500, with this very minor exception:

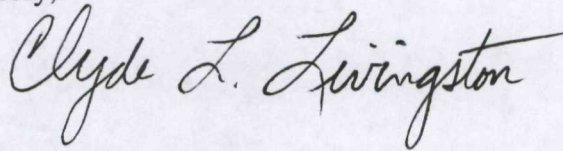
- The words "this label" when referring to the complete direction for use "label pamphlet" have been changed to "the label pamphlet" in two places on this labeling. This wording is less confusing and more appropriate for consistency with use of this Supplemental Label with the current product label.

Five (5) copies of the Final Printed Label, identified as Print Plate No. 71014H1-20, are hereby provided for your files.

This notification of minor label changes is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR §152.46, and no other changes (other than those outlined herein) have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR §152.46, this product may be in violation of FIFRA and I may be subject to enforcement actions and penalties under sections 12 and 14 of FIFRA.

If you should have any questions, please contact Dr. Russ Schneider (202-383-2866) or me by phone (314-694-1538), or by electronic mail at clyde.l.livingston@monsanto.com.

Sincerely,

A handwritten signature in cursive script that reads "Clyde L. Livingston".

Clyde L. Livingston
Registration Manager

Cc: Russ Schneider, Ph.D.
State Team
File Copy



United States
Environmental Protection Agency
 Washington, DC 20460



Registration



Amendment



Other

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number Monsanto Company 524-500	2. EPA Product Manager James A. Tompkins	3. Proposed Classification
4. Company/Product (Name) Monsanto Company Outrider Herbicide	PM # 25	<input type="checkbox"/> None <input type="checkbox"/> Restricted
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 1300 I (Eye) Street, NW – Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section – II

<input type="checkbox"/> Amendment – Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated: February 2, 2009
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) PRIA address: REGULATORY.AFFAIRS@MONSANTO.COM

Submission of Final Printed Supplemental Label

Section – III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Package wgt. No. per Container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Russell P. Schneider, Ph.D.		Title Senior Director of US Regulatory Affairs and Public Policy		Telephone No. (Include Area Code) (202) 383-2866	
Certification <i>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</i>					6. Date Application Received (Stamped)
2. Signature 		3. Title Registration Manager			
4. Typed Name Clyde L. Livingston, Ph.D.		5. Date March 16, 2009			

SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR OUTRIDER® HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using Outrider herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on this supplemental labeling and on the label pamphlet provided with the pesticide container. This supplemental labeling must be in the possession of the user at the time of pesticide application.

NOT REVIEWED
In Accordance with PR Notice 82-2
Based on Draft Labeling Dated

OUTRIDER®
Herbicide by Monsanto

EPA Reg. No. 524-500

Outrider, Roundup PRO, and Roundup PROMAX are registered trademarks of Monsanto Technology LLC.

PASTURE AND RANGELAND SITES IN STATES WEST OF THE MISSISSIPPI RIVER

Keep out of reach of children
CAUTION!

In case of an emergency involving this product or for user safety information on this product, call collect, day or night (314) 694-4000.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of application.

See the "DIRECTIONS FOR USE," "MIXING," and "WEEDS CONTROLLED" sections of the label pamphlet for Outrider herbicide for essential product performance information.

Outrider herbicide may be used in pasture and rangeland grasses in States west of the Mississippi River in the fall or spring to provide selective post-emergent control or partial control of the weeds specified in the "WEEDS CONTROLLED" section of the label pamphlet.

This product is selective in crested wheatgrass and selectivity in other pasture grasses is increased when they are not actively growing. Temporary stunting or chlorosis of grasses may occur but desirable grasses will recover. If concern exists about selectivity on desirable grasses, a small area should be treated to confirm selectivity.

Grass forage may be grazed immediately after application. However, for best weed control do not mow or graze the pasture or rangeland for 2 weeks before or after application.

Ground Broadcast and Aerial Application

Apply 0.75 to 1.33 ounces of Outrider herbicide per acre along with a nonionic surfactant. Use the higher rate when weeds are in advanced growth stage. The level of weed control following

application is dependent on weed species and weed stage of growth at application. For best results, weeds should be actively growing and in an early vegetative stage.

Refer to the "SPRAY DRIFT MANAGEMENT" section of the label pamphlet for guidelines regarding spray drift management.

Dormant Pastures and Rangelands

Apply 0.75 to 1.33 ounces of Outrider herbicide per acre in a tank mix with Roundup PRO® Concentrate herbicide at 10 to 13 fluid ounces per acre or Roundup PROMAX® herbicide at 9 to 11 fluid ounces per acre for control of weeds in dormant pastures. When tank mixing this product with Roundup PROMAX herbicide at rates below 12 ounces per acre, the addition of a nonionic surfactant to the spray solution at a concentration of 0.25 percent by volume (1 quart per 100 gallons of spray solution) is required. These applications should be made when the desirable pasture grass species are dormant and a new flush of the target weeds is emerged and actively growing.

Read the "LIMIT OF WARRANTY AND LIABILITY" in the label pamphlet for Outrider herbicide before using. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

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SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR OUTRIDER® HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using Outrider herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on this supplemental labeling and on the label pamphlet provided with the pesticide container. This supplemental labeling must be in the possession of the user at the time of pesticide application.



EPA Reg. No. 524-500

Outrider, Roundup PRO, and Roundup PROMAX are registered trademarks of Monsanto Technology LLC.

PASTURE AND RANGELAND SITES IN STATES WEST OF THE MISSISSIPPI RIVER

Keep out of reach of children
CAUTION!

In case of an emergency involving this product or for user safety information on this product, call collect, day or night (314) 694-4000.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of application.

See the "DIRECTIONS FOR USE," "MIXING," and "WEEDS CONTROLLED" sections of the label pamphlet for Outrider herbicide for essential product performance information.

Outrider herbicide may be used in pasture and rangeland grasses in States west of the Mississippi River in the fall or spring to provide selective post-emergent control or partial control of the weeds specified in the "WEEDS CONTROLLED" section of the label pamphlet.

This product is selective in crested wheatgrass and selectivity in other pasture grasses is increased when they are not actively growing. Temporary stunting or chlorosis of grasses may occur but desirable grasses will recover. If concern exists about selectivity on desirable grasses, a small area should be treated to confirm selectivity.

Grass forage may be grazed immediately after application. However, for best weed control do not mow or graze the pasture or rangeland for 2 weeks before or after application.

Ground Broadcast and Aerial Application

Apply 0.75 to 1.33 ounces of Outrider herbicide per acre along with a nonionic surfactant. Use the higher rate when weeds are in advanced growth stage. The level of weed control following

application is dependent on weed species and weed stage of growth at application. For best results, weeds should be actively growing and in an early vegetative stage.

Refer to the "SPRAY DRIFT MANAGEMENT" section of the label pamphlet for guidelines regarding spray drift management.

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